



This document establishes quality requirements for procurement and defines supplier responsibilities for ensuring purchased items and processes conform to company drawing, specification, and contractual requirements. Applicable quality requirements are indicated by clause number on the purchase order document. Unless otherwise specified, the inclusion of a quality clause number on the purchase order document incorporates all of the elements beginning with that quality cause number (Example: declaring QP86-16 clause 1 on the purchase order document incorporates clauses 1.1 thru 1.19). In addition to all applicable quality requirements, all CEF suppliers are required to ensure that persons/employees are competent/qualified to perform their duties required in conformance with contract requirements and are aware of their contribution to product/service conformity, safety, and the importance of ethical behavior in accordance with AS9100. CEF Industries, at its discretion, may monitor a supplier's on-time delivery (OTD) and/or quality performance and issue a Supplier Corrective Action Request (SCAR) for any non-conformance. Failure to satisfactorily implement Corrective Action is grounds for termination of orders/business.

1.1 Commercial C of C:

Commercial material, such as, but not limited to CEF STANDARD PARTS AND MATERIALS (SPM) (50000, 60000 and 90000 Series part numbers), shall include documentation certifying conformance to the CEF Industries drawing and/or specifications recited within the purchase order.

1.2 Certificate of Compliance:

Each shipment shall be accompanied by one legible and reproducible copy of a Certificate(s) of Compliance certifying to the conformance of the product or service to the applicable requirements. This certificate shall identify the part number, part revision letter, process name, quantity, and part serial number(s) (if applicable), CEF purchase order number, the specification and drawing to which they conform, and the name of the agency that performed/manufactured them (if other than the seller), and a Statement of Compliance, stating the parts or process meets the intent of CEF purchase order, drawing and specification requirements. In addition, the signature (this includes sub-tier suppliers documentation) of the authorized representative approving the information contained in their documentation. On CEF designed products, include copies of Certificate of Compliance from sub-tier suppliers for all sub-contracted special processes and provide copies of the Actual Material Manufacturers' Certificate of compliance. Note: The material, special processors and NDT certifications must be referenced on the contracted suppliers' Certificate of Compliance (all paperwork must coincide with each other) or reference the applicable CEF purchase order number on the attached documentation. If functional or nondestructive tests are required by product specification or other procurement document, each shipment shall be accompanied by one legible and reproducible copy of reports of actual test results identifiable with the test parameters and products submitted. These reports shall contain the signature and title of the authorized representative of the agency performing the test and must conform to specification requirements. * All scrap must be accounted for on certification (i.e. Destructive testing, no work done, set-up, damaged, lost, failure).

Minimum Required Documentation:

All products and services require, at a minimum, a Certificate of Compliance including supplier's name, physical address where manufactured, CEF part number, CEF purchase order number, date, printed name and title of person approving, signature.

Castings, bar stock, made complete to drawing, all processing (such as plating, NDT, shotpeen, weld) additionally require specifications used to produce the product, material certifications and analysis, special process certifications, such as heat treat or NDT, if required.

PC board assemblies must contain the final testing results when required.

1.3 Non Conforming Product:

Supplier must notify CEF Industries, LLC of any nonconforming product. Supplier is responsible for clearly tagging or labeling nonconforming material upon shipment. Supplier documents a deviation using CEF form ASF730-11. After CEF Purchasing communicates the approved form back to the supplier, the supplier is responsible for ensuring the deviation paperwork is immediately visible with the order. The supplier must implement appropriate action to correct recurring or repetitive nonconformities.

1.4 Record Retention:

Documents called out on the purchase order and all attachments shall be retained in a hardcopy or electronic format, maintained by the supplier for a minimum of 12 years and shall be stored in a suitable environment to ensure no damage, deterioration or loss. Also, supplier created and/or retained records shall be retained for a minimum of 10 years by the supplier and shall be stored in a suitable environment to ensure no damage, deterioration, or loss.

1.5 Right of Entry:

CEF suppliers and their sub-tiers may be subject to periodic audits and when requested shall provide Right of Entry, granting full access to their facility, personnel, and quality management system to CEF, CEF customer representatives, government agencies contracted with CEF, and/or FAA representatives.

1.6 DPAS Inspection of Supplies:

All DPAS rated products shall be produced in a method conforming to the Inspection of Supplies FAR clause 52.246-2

1.7 Flow down of requirements:

Supplier shall ensure all applicable quality requirements are imposed upon sub-tier suppliers and manufacturing facilities

1.8 First Article Inspection (FAI):

A First Inspection Report (FAIR) is required in accordance with AS9102 to include a First Article Inspection (FAI) sample. The FAI sample shall be identified as such. Delta FAIRs are required for any changes to processes, drawing revisions to items for notes or dimensions, disruption in manufacturing greater than 24-months or due to physical location change. CEF Industries LLC reserves the right to witness and approve (FAI) and (FAIR) at supplier's facility prior to receipt of product at CEF Industries LLC facilities. Supplier is not authorized to make any changes to the product or process without prior written approval from CEF Industries, LLC once the First Article Inspection Report approval has been provided. The supplier shall notify CEF Industries, LLC of any change to material, specifications or processes. The supplier shall obtain CEF Industries, LLC approval prior to shipment. Approval shall be made in the form of a signed deviation authorization form ASF730-11

1.9 Packaging:

Material shall be handled, preserved, packaged and stored sufficiently such that the item is protected from damage, such as nicks and dings, scratches or the physical characteristics and properties. Lack of sufficient packaging may result in rejection of shipment or claim for latent defects

Castings made of low alloy steel, plain carbon steel, ductile iron or martensitic stainless steel shall be preserved prior to shipping using oil per MIL-L-2014 or equivalent.

Magnesium Alloy castings may be preserved prior to shipping using CEF approved preservation oil instead of AMS 2475 pickle when called for. Contact the CEF Purchasing Representative, if necessary.

Optical systems, electrical components or assemblies containing cadmium, lead, zinc or magnesium are not to be protected with Vapor Corrosion Inhibitor (VCI) treated materials.

1.10 Requirement for Inspection

Suppliers shall ensure all products provided are inspected and meet all engineering drawing dimensions, notes, specifications and purchase order requirements. All safety, critical, and key characteristics require 100% inspection. Inspection data shall be maintained per paragraph 1.4 and be produced upon request. CEF requires the use of "Acceptance on Zero" sampling tables. "Acceptance on Zero" means that if any non-conformances are found in the sample, the lot is not accepted. Note: If you PLAN TO CHANGE facility locations or outsource the work, you MUST inform the responsible CEF Purchasing Representative in writing for approval.

1.11 Suspect/Counterfeit Items: Seller shall only purchase products/ material from the Original Component Manufacturer (OCM)/Original Equipment Manufacturer (OEM), OCM/OEM authorized distributor, or authorized aftermarket manufacturer. Use of products/ material that were not provided by these sources is not authorized unless first approved in writing by CEF. These products/ materials shall have verification that they are traceable to OCM/OEM, OCM/OEM authorized distributor, or authorized aftermarket manufacturer and that the name and location of all the supply chain intermediaries from the product/ material manufacturer to the direct source of the product/material for the seller are identified. Note: Based on commodity supplied, must be compliant with specifications AS5553 Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition (latest revision), and/ or AS6174 Counterfeit Material; Assuring Acquisition of Authentic and Conforming Material (latest revision).

1.12 Quality System:

The supplier shall maintain a quality system that complies with ISO 9001/AS9100 Series-Model for quality assurance in design (if applicable), development, production, installation and servicing.

1.13 DFARS Specialty Metals

The current revision of DFARS 252.225-7008 & 7009, preference for domestic specialty metals, applies.

1.14 Special Requirements

Suppliers shall certify that no conflict minerals (tin, tantalum, tungsten or gold) have been sourced from restricted regions (Democratic Republic of Congo or adjacent regions) as defined by the Dodd-Frank Act Wall Street Reform and Consumers Protection Act, section 1502.

1.15 Requirements for EH&S [Material Safety

Data Sheets (SDS)].

OSHA regulations addressing the Hazard Identification sections of MSDS, or Safety Data Sheets (SDS), as they are now called, are changed to reflect the Global Harmonized System (GHS).

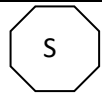
Suppliers shall include appropriate hazard communication, i.e. SDS documentation, along with the GHS hazard classification label affixed to the outer portion of the container(s) for any shipment of hazardous articles as required in accordance with OSHA regulations.

1.16 Obsolescence Management:

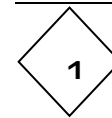
On a best effort basis, the supplier agrees to perform an obsolescence analysis or end of life (EOL) notification when the component or material is no longer in production by the manufacturer. The purpose is to keep CEF Industries, LLC informed of any potential component or material that may become obsolete.

The supplier will provide a list describing the obsolescence/EOL issues to the CEF Buyer. Additionally, the supplier will provide options and recommendations of obsolescence/EOL issues to the CEF buyer. This can include a onetime purchase of all EOL type material, the qualification of an alternate supplier/item, or a re-design of the affected assembly.

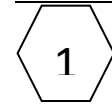
1.17 Key Characteristic Identification:



Safety Characteristic: Octagon with the letters SC in the center. Each safety characteristic will be given this designation within the specific document. This designation will be uniform and flow down through any associated documents (i.e. inspection sheets), requiring 100% inspection without statistical control. Any feature identified as a safety characteristic shall require 100% inspection.



Critical Characteristic: Diamond with a number in the center starting with one. Each critical characteristic will be given a unique number within the specific document. This number will be uniform and flow down through any associated documents (i.e. inspection sheets) Any feature identified as a critical characteristic shall require statistical control and maybe reduced to an AQL sampling of 0.65% sampling after CPK \geq 1.67 index statistical controls.



Key Characteristic: Hexagon with a number in the center. Each key characteristic will be given a unique number within the specific document. This number will be uniform and flow down through any associated documents (i.e. inspection sheets) Any feature identified as a key characteristic shall require statistical control and maybe reduced to an AQL sampling of 0.65% sampling after CPK \geq 1.33 index statistical controls. If a CPK of 2.0 index or greater is demonstrated, the key characteristic maybe removed as a requirement with CEF engineering approval.

1.18 Customer Furnished Material

CEF Industries furnished material, tooling and/or gages (property) shall not be utilized for any purpose other than performance against contracts issued by CEF. All CEF Industries property shall be handled, preserved, packaged, and stored sufficiently such that the property is protected from loss or damage while in the supplier's possession and during return transportation to CEF Industries. Where CEF Industries has provided returnable packaging, supplier shall utilize said packaging for return shipment. Supplier shall be liable for the replacement of any CEF Industries property lost or damaged as a result of the supplier's negligence.

1.19 Identification of Shelf Life Material:

Supplier shall identify each item, package, or container of shelf life material with its cure or manufacture date, expiration date, and special storage and handling conditions in addition to the standard identification requirements. Unless stated otherwise on the Purchase Order, materials shipped to CEF must have at least 80% of their useful life remaining.

- 2 Unused
- 3 Unused
- 4 Unused
- 5 Unused
- 6 Unused
- 7 Unused
- 8 Unused
- 9 Unused
- 10 Unused

11 Source Inspection (Test): All items specified by the purchase order are subject to witnessing (by CEF Quality Assurance Personnel) of testing being performed by supplier personnel prior to shipment. The supplier shall provide no less than 48 hours advance notice to the applicable CEF Purchasing Representative to permit scheduling of test witnessing.

12 Government Source Inspection: The items/service produced on this purchase order is subject to government inspection at point of manufacture. On receipt of this purchase order, promptly furnish a copy to the government Defense Contracts Management Agency (DCMA) Representative who normally services your plant or to the nearest Army, Navy, or Air Force Inspection Office. If the representative or office cannot be located, the CEF Purchasing Representative shall be notified immediately. When material is ready for inspection (or, if practical, before that time), the supplier shall notify the government representative who normally services its plant. Evidence of government inspection must be shown on all shipping documents.

13 Special Processes: The use of NADCAP special process suppliers is required by customer flow down and will be specified in the purchase order information. A C of C is required by suppliers stating their compliance to the requirement.

14 Unused

15 Unused

16 Calibration System Requirements: The supplier shall maintain a calibration system in accordance with ISO-10012, Quality assurance requirements for measuring equipment, Part 1: Metrological confirmation system for measuring equipment or, American National Standard for Calibration. If measuring and test equipment is calibrated by an outside service, the aforementioned requirements must be contained in your purchase order for these services.

17 This is a rated order certified for national defense, emergency preparedness, and energy program use, and the Contractor shall follow all the requirements of the Defense Priorities and Allocations System regulation (15 CFR 700). The Prime Contract and DPAS rating are made available within the text of the purchase order. If the Prime Contract and DPAS rating is not listed the supplier shall contact the buyer listed on the contract for a purchase order amendment.

18 Addendum A: Military Items Specific

Terms
FAR 52.211-15 - Defense Priority and Allocation Requirement (Apr 2008)
This is a rated order certified for national defense, emergency preparedness, and energy program use, and the Contractor shall follow all the requirements of the Defense Priorities and Allocations System regulation (15CFR 700).

The clauses below and their governing regulations may be retrieved from the <https://www.acquisition.gov/content/regulations> and the links: FAR, DFAR, DLAD

252.204.7012, 252.209-7004, 252.215-7002, 252.215-7003, 252.215-7004, 252.219-7003, 252.219-7004, 252.225-7001, 252.225-7002, 252.225-7006, 252.225-7008, 252.225-7009, 252.225-7010, 252.225-7012, 252.225-7016, 252.225-7021, 252.225-7035, 252.225-7035 Alt I, 252.225-7036, 252.225-7036 Alt I 252.226-7001, 252.246-7007, 252.246-7008 52.203-11, 52.203-2, 52.203-7, 52.204-10 52.204-3, 52.222-36, 52.222-37 52.222-50, 52.223-18, 52.223-3 52.225-1, 52.208-9003, 52.204-5, 52.204-8, 52.209-10, 52.209-5, 52.209-6, 52.215-12 52.225-13, 52.225-2, 52.225-20 52.226-2, 52.227-1, 52.227-15 52.215-9002, 52.215-9004, 52.215-9005 52.215-14, 52.215-14 Alt 1, 52.215-15 52.215-22, 52.215-6, 52.219-16 52.227-2, 52.230-1, 52.230-1 Alt 1 52.232-99, 52.244-2, 52.244-5 52.219-22, 52.219-22 Alt 1, 52.219-24 52.219-28, 52.219-6, 52.219-8 52.244-6, 52.222-18, 52.222-21 52.222-25, 52.222-26, 52.222-35, 52.204-24, 52.204-25

19 The clauses below and their governing regulations may be retrieved from <https://www.acquisition.gov/content/regulations> and the links: FAR, DFAR, AFFARS

Table 1 below is applicable to sole or aggregate purchase(s) < \$150,000.00:

52.204-2, 52.211-15, 52.211-5, 52.215-16 52.215-17, 52.219-1, 52.223-3, 52.223-7 52.223-11, 52.225-13, 52.225-8, 52.227-1 52.227-2, 52.227-10, 52.234-1, 52.242-15 52.246-2, 52.245-2, 52.222-35, 52.222-37 52.244-6, 52.222-20, 52.222-36, 52.222-41 52.222-43, 252.227-7026, 252.227-7027 252.225-7022, 252.222-7007, 5352.242-9000 5352.223-9000, 252.227-7017, 252.235-7003 252.249-7002, 252.225-7043, 252.204-7000 252.208-7000, 252.211-7003, 252.227-7025 252.227-7030, 252.225-7002, 252.225-7013 252.225-7016, 252.227-7028, 252.227-7037 252.231-7000, 252.227-7019, 252.225-7001 252.227-7013, 252.227-7014, 252.227-7015 252.227-7016, 52.204-24, 52.204-25

The Table 1 and below in Table 2 are applicable to sole or aggregate purchase(s) ≥ \$150,000.00:

52.203-11, 52.203-12, 52.203-6 52.203-7, 52.203-8, 52.209-5, 52.215-2 52.219-8, 52.219-9, 52.222-39, 52.228-5 52.233-3, 52.219-16, 52.246-23, 52.246-24 52.248-1, 52.242-13, 52.246-4, 52.249-8 52.247-63, 52.248-1, 52.249-2 252.215-7000, 252.203-7001, 252.219-7003 252.225-7006, 252.225-7009, 252.225-7010 252.225-7012, 252.226-7001, 252.225-7030 252.243-7001, 252.243-7002, 252.247-7023 252.247-7024, 52.204-24, 52.204-25

The Tables 1 and 2 above and Table 3 below are applicable to sole or aggregate purchase(s) ≥

\$750,000.00:
52.215-10, 52.215-11, 52.215-12 52.215-13, 52.215-14, 52.215-15 52.215-18, 52.215-19, 52.215-20 52.215-21, 52.222-21, 52.222-25 52.222-26, 252.211-7000, 52.204-24, 52.204-25

20 Lockheed Appendix QJ

Appendix QJ is located at Appendix QJ is located at

<https://www.lockheedmartin.com/en-us/suppliers/business-area-procurement/aeronautics/quality-requirements/quality-appendices.html>

LMCO Supplier Number 184556.

Special processing to be accomplished in performance of this purchase order is directly related to a Lockheed Martin Aeronautics Company purchase order and must be accomplished in accordance with process specifications(s) on this purchase order and the revision in effect as of the date of this PO of Lockheed Martin Aeronautics Company Appendix QJ. All requirements of such Appendix QJ paragraph 12 a.-f. shall be accomplished. Supplier shall ensure all applicable quality requirements are imposed upon sub-tier suppliers and manufacturing facilities.

21 100% UID verification records required with each shipment

22 Lockheed Appendix QX

Appendix QX is located at

<https://www.lockheedmartin.com/en-us/suppliers/business-area-procurement/aeronautics/quality-requirements/quality-appendices.html>

LMCO Supplier Number 184556.

Work to be accomplished in performance of this purchase order is directly related to a Lockheed Martin Aeronautics Company purchase order and must be accomplished in accordance with specifications(s) on this purchase order and the revision in effect as of the date of this PO of Lockheed Martin Aeronautics Company Appendix QX. All requirements of such Appendix QX shall be accomplished. Supplier shall ensure all applicable quality requirements are imposed upon sub-tier suppliers and manufacturing facilities.